

Converting Colors

CIELCh(68, 4.692, 74.351)

Have a look what the booklet for
CIELCh(68, 4.692, 74.351) contains.

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Color

CIELCh(68, 4.687, 74.376)

Conversions

Conversions Part 1

Format	Color
Hex	ACA59E
RGB	172, 165, 158
RGB Percent	67%, 65%, 62%
CMY	0.3269, 0.3543, 0.3817
CMYK	0.00, 0.04, 0.08, 0.33
HSL	30°, 8%, 65%
HSV	30°, 8%, 67%
XYZ	36.4701, 37.9720, 37.5985
YIQ	166.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

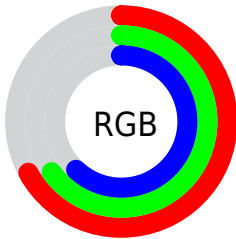
Format	Color
RYB	172, 172, 158
Decimal	11314590
CIELab	68.00, 1.26, 4.51
CIElCh	68, 4.687, 74.376
Yxy	37.9720, 0.3255, 0.3389
Android (android.graphics.Color)	4289504670 (0xFFACA59E)
YUV	166.2950, -4.0894, 5.0033
Hunter-Lab	61.6215, -2.1940, 6.9590

Details

The CIELCh color $68, 4.687, 74.376$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 4.605, 256.547$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 4.430, 74.579$, and $48, 4.570, 69.883$ is the 20% darker color. If you saturate the color by 10%, you get $65, 10.683, 73.222$, and if you desaturate by 10%, it is $71, 1.047, 255.979$.

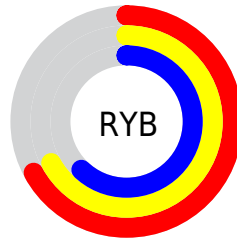
Distribution



Red (67%)

Green (65%)

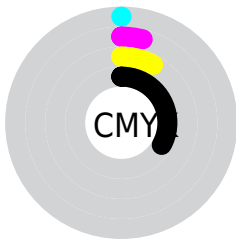
Blue (62%)



Red (67%)

Yellow (67%)

Blue (62%)

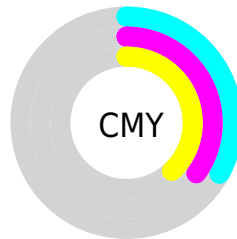


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (33%)



Cyan (33%)


Magenta (35%)

Yellow (38%)



Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 4.687, 74.376 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 68, 4.687, 74.376 by changing the saturation by 10% instead.

 68, 4.687, 74.376  68, 4.687, 74.376

 100, 4.687, 74.376  58, 4.687, 74.376

 88, 4.687, 74.376  48, 4.687, 74.376


 98, 4.687, 74.376  38, 4.687, 74.376

 28, 4.687, 74.376

 18, 4.687, 74.376

 8, 4.687, 74.376

 0, 4.687, 74.376

 68, 4.687, 74.376  68, 4.687, 74.376

 65, 10.683, 73.222  71, 1.047, 255.979

63, 16.960, 71.998

73, 6.545, 256.879

60, 23.528, 70.757

76, 11.830,
257.985

58, 30.375, 69.503

79, 16.928,
259.065

55, 37.445, 68.227

53, 44.595, 66.891

82, 21.858,
260.105

51, 51.519, 65.404

85, 24.260,
256.896

48, 57.640, 63.569

46, 62.383, 61.215

87, 22.506,
243.752

89, 22.036,
229.439

91, 22.886,
215.530

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68, 4.687, 74.376



67, 4.605, 256.547

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68, 4.687, 74.376



68, 4.687, 124.376



68, 4.687, 254.376



68, 4.687, 304.376

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68, 4.688, 74.401



89, 1.405, 74.919



66, 6.623, 344.263



47, 0.797, 74.916



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 4.688, 74.401



86, 7.184, 74.169



70, 7.629, 109.401



35, 3.291, 74.270



41, 57.316, 61.268



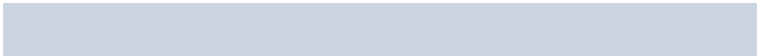
4, 6.500, 65.112

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67, 4.605, 256.547



85, 7.016, 256.812



65, 7.778, 291.002



35, 3.222, 256.697



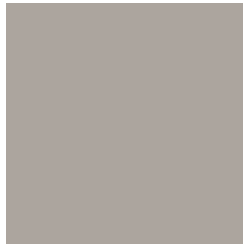
32, 47.974, 283.304



3, 7.383, 264.527

Previews

White Background



This preview shows how the CIELCh color 68, 4.687, 74.376 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 4.687, 74.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

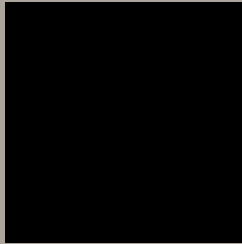
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

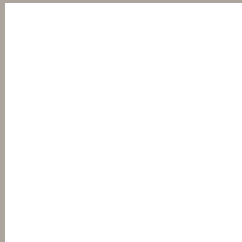
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 4.687, 74.376

Background



This preview shows how black text looks on a background with the CIELCh color 68, 4.687, 74.376.



This preview shows how white text looks on a background with the CIELCh color 68, 4.687, 74.376.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


68, 4.687, 74.376

Protanopia

68, 4.286, 82.935

Deuteranopia

68, 9.407, 23.533



Tritanopia
68, 8.498, 322.698

Trichromacy



Original Color
68, 4.687, 74.376

Protanomaly
68, 4.473, 78.467

Deuteranomaly
68, 7.207, 33.107

Tritanomaly
68, 5.053, 338.991

Monochromacy



Original Color
68, 4.687, 74.376

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.802, 84.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 4.687, 74.376 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(172, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(172, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 4.687, 74.376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 165, 158) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(172, 165, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(172, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 4.687, 74.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 165, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(172,  
165, 158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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